



300-425^{Q&As}

Designing Cisco Enterprise Wireless Networks (ENWLSD)

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QUESTION 1

An engineer must deploy a wireless network in an open-plan environment that has three SSIDs using the 5 GHz band and the channel width is set to 40 MHz. Co-channel interference must be reduced. Which two actions must be taken? (Choose two.)

- A. Increase the number of SSIDs.
- B. Increase channel bonding in the 2.4 GHz band to 40 MHz.
- C. Disable band steering.
- D. Decrease channel bonding in the 5 GHz band to 20 MHz.
- E. Reduce the power of the AP.

Correct Answer: DE

QUESTION 2

An engineer is trying to configure the APs installed in a new auditorium to use 40 MHz channels with high data rates and lower TX power. The APs in the building hallway must use lower-density design settings configured for the rest of the building. Which two configurations achieve this design? (Choose two.)

- A. TPC
- B. DCA
- C. AP group
- D. RRM
- E. RF profile

Correct Answer: CE

QUESTION 3

An engineer needs a wireless design to provide redundancy for APs at remote sites that are connected to Cisco 3504 Wireless LAN Controllers. The central Cisco 5520 Wireless LAN Controller supports 2000 APs and has 1975 access points associated to it. The engineer decides that not all APs at the remote sites must remain functional in the event of a failure. How does the engineer ensure that the most important access points at the remote sites remain online while not impacting the main site?

- A. Enable Global AP Failover Priority, set the 1975 APs to a priority of "high", and set the 25 most important APs at the remote sites to "critical".



B. Enable AP Fallback Mode, set the 1975 APs to a priority of "high", and set the 25 most important APs at the remote sites to "critical".

C. Enable Global AP Failover Priority, leave the 1975 APs at the default priority, and set the most important APs at the remote sites to "low".

D. Enable AP Fallback Mode, leave the 1975 APs at the default priority, and set the most important APs at the remote sites to "high".

Correct Answer: A

QUESTION 4

How does AP failover priority for access points function when configured with priority 1 or 4?

A. When configured with priority 1, the access point is assigned with the highest priority level and it is marked as critical. This access point fails over before other access points with the lower priority when there is primary controller failure.

B. When configured with priority 4, the access point is assigned with the highest priority level and it is marked as critical. This access point fails over before other access points with the lower priority when there is primary controller failure.

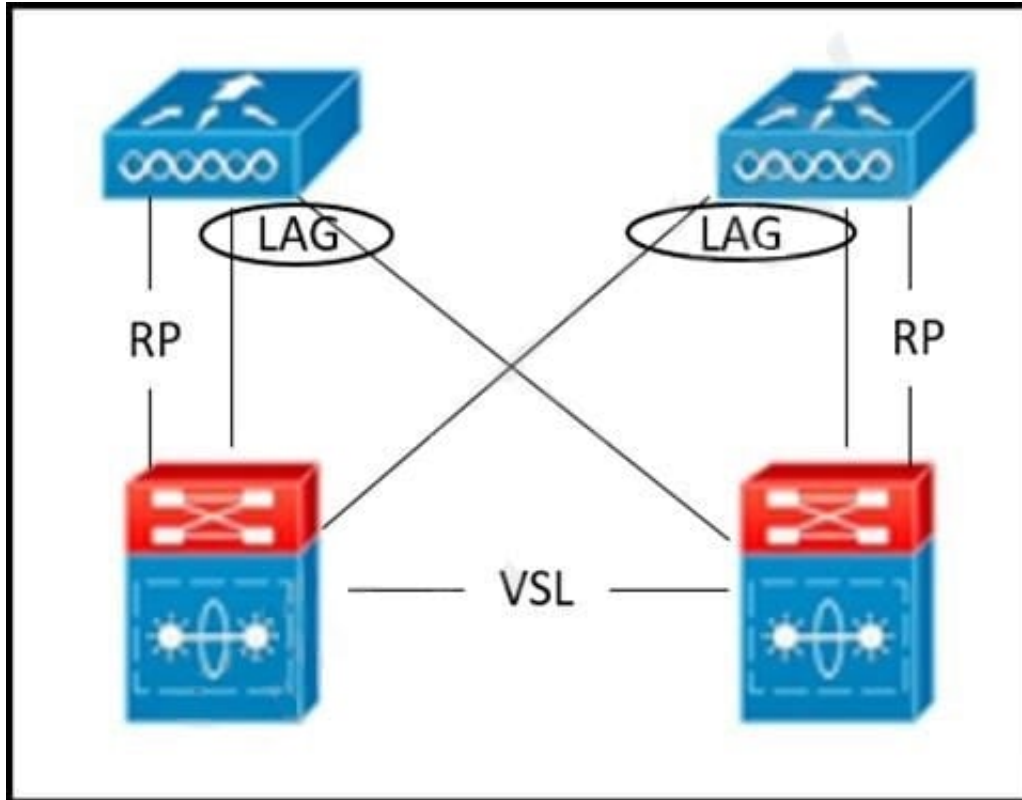
C. When configured with priority 4, the access point is assigned with the lowest priority level and it is marked as low. This access point fails over after other access points with the higher priority when there is primary controller failure.

D. When configured with priority 1, the access point is assigned with the medium priority level and it is marked as medium. This access point fails over after other access points with the higher priority when there is primary controller failure.

Correct Answer: B

QUESTION 5

Refer to the exhibit.



A WLC SSO pair is set up. Which failure scenario causes a split-brain scenario?

- A. RP is down.
- B. Two distribution ports on the active WLC are down.
- C. VSL is down.
- D. One distribution port on the active WLC is down.

Correct Answer: C

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